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NOTICE OF ALLOWANCE AND FEE(S) DUE

42425 7590 11/24/2009

HICKMAN PALERMO TRUONG & BECKER/ORACLE
2055 GATEWAY PLACE
SUITE 550
SAN JOSE, CA 95110-1083

EXAMINER

PITARRO, RYAN F

ART UNIT

PAPER NUMBER

2174

DATE MAILED: 11/24/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/044,457

01/11/2002

John David Russell

50277-1732

8504

TITLE OF INVENTION: VISUALLY ORGANIZING AND HIGHLIGHTING A LIST OF ITEMS TO SHOW HOW THEY SATISFY MULTIPLE CRITERIA SELECTED BY A USER

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$0	\$0	\$1510	02/24/2010

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

**Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
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INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

42425 7590 11/24/2009

HICKMAN PALERMO TRUONG & BECKER/ORACLE
2055 GATEWAY PLACE
SUITE 550
SAN JOSE, CA 95110-1083

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/044,457 01/11/2002 John David Russell 50277-1732 8504

TITLE OF INVENTION: VISUALLY ORGANIZING AND HIGHLIGHTING A LIST OF ITEMS TO SHOW HOW THEY SATISFY MULTIPLE CRITERIA SELECTED BY A USER

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
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nonprovisional NO \$1510 \$0 \$0 \$1510 02/24/2010

EXAMINER	ART UNIT	CLASS-SUBCLASS
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PITARO, RYAN F 2174 715-748000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 _____
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 _____
- 3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
- ☐ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies _____

4b. Payment of Fee(s); (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

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Date _____

Typed or printed name _____

Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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10/044,457	01/11/2002	John David Russell	50277-1732	8504
42425	7590	11/24/2009	EXAMINER	
HICKMAN PALERMO TRUONG & BECKER/ORACLE 2055 GATEWAY PLACE SUITE 550 SAN JOSE, CA 95110-1083			PITARRO, RYAN F	
			ART UNIT	PAPER NUMBER
			2174	
DATE MAILED: 11/24/2009				

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 683 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 683 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Notice of Allowability

Application No.

10/044,457

Examiner

RYAN F. PITARO

Applicant(s)

RUSSELL, JOHN DAVID

Art Unit

2174

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 8/10/2009.
2. ☒ The allowed claim(s) is/are 1,3-13 and 39-50.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date ____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date ____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other ____. |

DETAILED ACTION

Claims 1,3-13,39-50 are allowed.

Claims 39-50, are considered statutory under 35 USC 101. Though the specification lists coaxial cables, fiber optics, waves, and signals (page 15), the Applicant has listed such media as Transmission media. Since this media is known to be incapable of storage, transmission media is not included in the meaning of the limitation "One or more storage media".

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Daniel Ledesma on 11/16/2009.

The application has been amended as follows:

1. (currently amended) A method of depicting a plurality of items and how said plurality of items satisfy multiple criteria, the method comprising the computer-implemented steps of:
a web browser receiving a self-contained web page; and
in response to executing said self-contained web page, said web browser performing the steps of:
generating a display of a list of visual indicators in a particular order,
wherein the particular order indicates how said plurality of items satisfy one or more first criteria;
detecting input indicating the selection of one or more second criteria;
in response to detecting said input, determining, without said web browser having to interact over a network with a web server, how said plurality of items satisfy the one or more second criteria; and
while retaining said list of visual indicators in said particular order within said display, displaying a visual indication of how said plurality of items satisfy the one or more second criteria.

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3. (currently amended) The method of claim 1, wherein the step of the web browser receiving the self-contained web page includes the web browser receiving the self-contained web page over the network from the web server.
4. (currently amended) The method of claim 1, wherein the step of the web browser receiving the self-contained web page includes said web browser causing said self-contained web page to be read from removable computer-readable storage media.
11. (currently amended) A method of generating a web page that causes a web browser to depict a plurality of items and how said plurality of items satisfy multiple criteria, the method comprising the computer-implemented steps of:
generating first web page elements that cause said web browser to display in a particular order a list of visual indicators, wherein the particular order indicates how said plurality of items satisfy one or more first criteria;
generating one or more second web page elements that enable the web browser to receive user input indicating a selection of one or more criteria of a plurality of criteria;
generating third web page elements that enable the web browser to determine, in response to the web browser receiving the user input, how said plurality of items satisfy the one or more criteria; and

generating fourth web page elements that cause the web browser to display, for each particular criterion of the one or more criteria, a visual indication of how said plurality of items satisfy said particular criterion, without changing said particular order.

12. (currently amended) The method of Claim 11, wherein:

the steps further include issuing a query to a database system that stores information about said plurality of items, wherein said query requests data that is used to determine which set of items of said plurality of items satisfy a first criterion of said plurality of criteria;
receiving results of the query from the database system; and
wherein the step of generating third web page elements is based on an examination of the results.

13. (currently amended) The method of claim 11, wherein the steps further include:

performing an examination of contents of said plurality of items to determine which of said plurality of items satisfy the one or more criteria of said plurality of criteria;
wherein the step of generating third web page elements is based on said examination of the contents.

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39. (currently amended) One or more storage media storing instructions for depicting a plurality of items and how said plurality of items satisfy multiple criteria, wherein the instructions, when processed by one or more processors, cause:
- a web browser receiving a self-contained web page; and
- in response to executing said self-contained web page, said web browser performing the steps of:
- generating a display of a list of visual indicators in a particular order,
- wherein the particular order indicates how the plurality of items satisfy one or more first criteria;
- detecting input indicating the selection of one or more second criteria;
- in response to detecting said input, determining, without said web browser having to interact over a network with a web server, how said plurality of items satisfy the one or more second criteria; and
- while retaining said list of visual indicators in said particular order within said display, displaying a visual indication of how said plurality of items satisfy the one or more second criteria.
40. (currently amended) The one or more storage media of Claim 39, wherein the step of the web browser receiving the self-contained web page includes the web browser receiving the self-contained web page over the network from the web server.

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41. (currently amended) The one or more storage media of Claim 39, wherein the step of the web browser receiving the self-contained web page includes said web browser causing said self-contained web page to be read from removable computer-readable storage media.
48. (currently amended) One or more storage media storing instructions for generating a web page that causes a web browser to depict a plurality of items and how said plurality of items satisfy multiple criteria, wherein the instructions, when executed by one or more processors, cause:
- generating first web page elements that cause said web browser to display in a particular order a list of visual indicators, wherein the particular order indicates how said plurality of items satisfy one or more first criteria;
- generating one or more second web page elements that enable the web browser to receive user input indicating a selection of one or more criteria of a plurality of criteria;
- generating third web page elements that enable the web browser to determine, in response to the web browser receiving the user input, how said plurality of items satisfy the one or more criteria; and
- generating fourth web page elements that cause the web browser to display, for each particular criterion of the one or more criteria, a visual indication of

how said plurality of items satisfy said particular criterion, without changing said particular order.

49. (currently amended) The one or more storage media of Claim 48, wherein the instructions include additional instructions which, when executed by the one or more processors, further cause:
- issuing a query to a database system that stores information about said plurality of items, wherein said query requests data that is used to determine which set of items of said plurality of items satisfy a first criterion of said plurality of criteria; and
- receiving results of the query from the database system;
- wherein the step of generating third web page elements is based on an examination of the results.
50. (currently amended) The one or more storage media of claim 48, wherein the instructions include additional instructions which, when executed by the one or more processors, further cause:
- performing an examination of contents of said plurality of items to determine which of said plurality of items satisfy the one or more criteria of said plurality of criteria;
- wherein the step of generating third web page elements is based on said examination of the contents.

The following is an examiner's statement of reasons for allowance:

The prior art is silent in teaching: a web browser receiving a self-contained web page; and in response to executing the web page, generating a display of a list of visual indicators in a particular order, wherein the particular order indicates how said plurality of items satisfy one or more first criteria; detecting input indicating the selection of one or more second criteria; in response to detecting said input, determining, without said web browser having to interact over a network with a web server, how said plurality of items satisfy the one or more second criteria; and while retaining said list of visual indicators in said particular order within said display, displaying a visual indication of how said plurality of items satisfy the one or more second criteria.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to RYAN F. PITARO whose telephone number is (571)272-4071. The examiner can normally be reached on 9:00am - 5:30pm Mondays through Fridays.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Dennis Chow can be reached on 571-272-7767. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Ryan F Pitaro/
Primary Examiner, Art Unit 2174